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# MILK

## PRODUCTION, DISPOSITION, and INCOME

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Crop Reporting Board

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## MILK PRODUCTION, DISPOSITION AND INCOME, 1965-66

The number of milk cows on farms in 1966 was the smallest of record at 14.1 million, according to the Crop Reporting Board. However, they produced at a new high rate of 8,513 pounds per cow, resulting in a total of 120.2 billion pounds of milk. The farm value of milk produced in 1966 was a record high of \$5,781 million. Cash receipts of \$5,513 million from farmers' marketings of milk and cream were a record--topping 1965, the previous record, by 9 percent.

### Milk production down 3 percent in 1966

Milk production in 1966 was 120.2 billion pounds, down 3 percent from 1965. The 1966 output was produced by an annual average of 14.1 million milk cows, the smallest of record and 6 percent below the annual average in 1965. Output per cow set a new high of 8,513 pounds in 1966, up 3 percent from the previous record of 8,304 pounds in 1965. Nearly all of the reduction in milk production from 1965 occurred in 3 regions--North Atlantic, down 3 percent; East North Central, down 5 percent; and West North Central, down 6 percent. Output was about equal to a year earlier in the South Atlantic, South Central, and West.

### Farm use of milk continues downward

Milk used on farms where produced is estimated at 5,494 million pounds in 1966. This was less than a year earlier by 8 percent, which is the average annual decline for the years 1960-64. Farm use in 1966 consisted of 1,972 million pounds, or 36 percent, fed to calves; 3,160 million pounds, or 58 percent, consumed as fluid milk and cream; and 362 million pounds, or 6 percent, used for farm churned butter.

### Marketings by producers down 3 percent

Milk and cream marketed by farmers totaled 114.7 billion pounds of milk equivalent in 1966, down 3 percent from the 118.2 billion pounds marketed in 1965. These marketings consist of whole milk and farm-separated cream sold to plants and dealers and milk sold directly to consumers. Marketings of whole milk to plants totaled 110.0 billion pounds in 1966, about 2 percent less than the 112.7 billion pounds sold during 1965. Sales of farm-separated cream (milk equivalent) were 3.0 billion pounds compared with 3.7 billion pounds in 1965. Milk sold directly to consumers totaled 1.7 billion pounds in 1966, about 6 percent less than the 1.8 billion pounds sold in 1965.

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### MILK PRODUCTION, DISPOSITION, AND INCOME REVISED ESTIMATES, 1960-64

The production, disposition, and income estimates for milk for 1960-64 have been revised, where necessary, based on review of data from the 1964 Census of Agriculture and other data which have become available since the original estimates were made. Revised estimates for the years 1960-64 are shown in Statistical Bulletin No. 398, Milk--Production, Disposition, and Income, Revised Estimates, 1960-64. This bulletin is available on request.



Table 1.-Milk cows and production of milk, milkfat, and butter on farms, United States, 1956-66 <sup>1/</sup>

Year	Number of milk cows on farms 2/	Production of milk and milkfat 3/					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
1956.....	20,501	6,090	233	3.82	124,860	4,773	139,810
1957.....	19,774	6,303	240	3.81	124,628	4,744	119,354
1958.....	18,711	6,585	249	3.78	123,220	4,658	96,123
1959.....	17,901	6,815	256	3.76	121,989	4,588	76,307
1960.....	17,515	7,029	264	3.76	123,109	4,628	62,895
1961.....	17,243	7,290	273	3.75	125,707	4,715	51,750
1962.....	16,842	7,496	280	3.74	126,251	4,718	42,100
1963.....	16,260	7,700	286	3.71	125,202	4,649	34,100
1964.....	15,677	8,099	300	3.70	126,967	4,699	27,085
1965.....	14,954	8,304	307	3.70	124,173	4,597	21,395
1966.....	14,123	8,513	314	3.69	120,230	4,432	16,265

<sup>1/</sup> Includes Alaska and Hawaii beginning 1960.<sup>2/</sup> Average number on farms during year, excluding heifers not yet fresh.<sup>3/</sup> Excludes milk sucked by calves.Table 2.-Milk used and marketed by farmers, United States, 1956-66 <sup>1/</sup>

Year	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves <sup>2/</sup>	Consumed as fluid milk and cream	Used for farm-churned butter	Total	Sold to plants and dealers <sup>3/</sup>		Sold directly to consumers <sup>4/</sup>	Total
					As whole milk	As farm-separated cream		
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
1956.....	3,119	7,694	2,814	13,627	95,521	13,264	2,448	111,233
1957.....	2,950	7,003	2,428	12,381	98,284	11,669	2,294	112,247
1958.....	2,767	6,393	1,987	11,147	99,626	10,280	2,167	112,073
1959.....	2,658	5,776	1,602	10,036	100,809	9,073	2,071	111,953
1960.....	2,548	5,273	1,337	9,158	103,927	7,938	2,086	113,951
1961.....	2,432	4,835	1,115	8,382	108,353	6,918	2,054	117,325
1962.....	2,330	4,419	915	7,664	110,678	5,943	1,966	118,587
1963.....	2,245	4,070	743	7,058	111,195	5,060	1,889	118,144
1964.....	2,152	3,742	595	6,489	114,176	4,439	1,863	120,478
1965.....	2,061	3,443	472	5,976	112,716	3,650	1,831	118,197
1966.....	1,972	3,160	362	5,494	110,037	2,956	1,743	114,736

<sup>1/</sup> Includes Alaska and Hawaii beginning 1960.<sup>2/</sup> Excludes milk sucked by calves.<sup>3/</sup> Includes milk produced by dealers' own herds.<sup>4/</sup> Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

Table 3.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, United States, 1956-66 <sup>1/</sup>

Year	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity milkfat	Price per lb. fat	Cash receipts	Quantity	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
1956.....	95,521	4.14	3,953,802	492,300	59.4	292,658	1,139	21.0	239,030
1957.....	98,284	4.21	4,137,026	434,890	60.6	263,578	1,066	21.3	227,438
1958.....	99,626	4.13	4,114,048	382,340	59.3	226,917	1,011	21.3	215,541
1959.....	100,809	4.16	4,195,492	335,560	60.1	201,769	961	21.5	206,242
1960.....	103,927	4.21	4,373,174	292,490	60.5	176,860	969	21.7	209,923
1961.....	108,353	4.22	4,568,016	254,720	61.5	156,607	957	21.7	207,667
1962.....	110,678	4.09	4,529,454	218,470	59.4	129,814	914	21.9	200,368
1963.....	111,195	4.10	4,556,278	184,530	59.5	109,886	878	22.2	194,727
1964.....	114,176	4.15	4,737,507	160,650	60.2	96,660	865	22.3	192,666
1965.....	112,716	4.23	4,766,470	132,090	61.1	80,674	851	22.3	189,903
1966.....	110,037	4.78	5,255,780	106,610	65.2	69,468	811	23.2	187,832

<sup>1/</sup> Includes Alaska and Hawaii beginning 1960.

Table 4.-Farm marketings, income, and value of dairy products, United States, 1956-66 <sup>1/</sup>

Year	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy products 4/	Farm value of all milk produced 3/ 5/
	Milk utilized	Average returns2/		Cash receipts from marketings	Milk utilized	Value 3/		
		Per 100 pounds milk	Per pound milkfat					
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
1956.....	111,233	4.03	1.05	4,485,490	10,508	468,451	4,953,941	5,075,318
1957.....	112,247	4.12	1.08	4,628,042	9,431	422,524	5,050,566	5,166,860
1958.....	112,073	4.07	1.08	4,556,506	8,380	373,267	4,929,773	5,037,729
1959.....	111,953	4.11	1.09	4,603,503	7,378	328,718	4,932,221	5,037,223
1960.....	113,951	4.18	1.11	4,759,957	6,610	296,529	5,056,486	5,158,116
1961.....	117,325	4.20	1.12	4,932,290	5,950	265,275	5,197,565	5,296,024
1962.....	118,587	4.10	1.10	4,859,636	5,334	231,515	5,091,151	5,182,148
1963.....	118,144	4.11	1.11	4,860,891	4,813	210,287	5,071,178	5,159,474
1964.....	120,478	4.17	1.13	5,026,833	4,337	192,053	5,218,886	5,304,899
1965.....	118,197	4.26	1.15	5,037,047	3,915	174,999	5,212,046	5,296,432
1966.....	114,736	4.81	1.30	5,513,080	3,521	175,735	5,688,815	5,781,244

<sup>1/</sup> Includes Alaska and Hawaii beginning 1960.

<sup>2/</sup> Cash receipts divided by milk or milkfat represented in combined marketings.

<sup>3/</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

<sup>4/</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

<sup>5/</sup> Includes value of milk fed to calves.

Table 5.-Milk cows and production of milk, milkfat, and butter on farms, by States, 1966 1/

State and division	Number of milk cows on farms 2/	Production of milk and milkfat 3/					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
Me. ....	74	8,620	328	3.80	638	24	140
N. H. ....	41	9,320	359	3.85	382	15	-
Vt. ....	215	9,150	348	3.80	1967	75	-
Mass. ....	74	10,220	373	3.65	756	28	-
R. I. ....	9.6	9,900	366	3.70	95	4	-
Conn. ....	70	10,090	373	3.70	706	26	-
N. Y. ....	1,109	9,540	343	3.60	10,580	381	60
N. J. ....	97	10,300	376	3.65	999	36	-
Pa. ....	767	9,240	346	3.75	7,087	266	250
N. Atl. ....	2,457	9,446	348	3.68	23,210	855	450
Ohio.....	523	9,440	349	3.70	4,937	183	230
Ind. ....	301	9,200	350	3.80	2,769	105	150
Ill. ....	389	9,220	337	3.65	3,587	131	170
Mich. ....	544	9,520	347	3.65	5,179	189	90
Wis. ....	1,989	9,150	334	3.65	18,199	664	35
E. N. Cent. ....	3,746	9,255	340	3.67	34,671	1,272	675
Minn. ....	1,146	8,750	311	3.55	10,028	356	130
Iowa.....	657	8,560	308	3.60	5,624	202	350
Mo. ....	422	7,400	289	3.90	3,123	122	900
N. Dak. ....	196	6,810	238	3.50	1,335	47	300
S. Dak. ....	213	7,170	255	3.55	1,527	54	180
Nebr. ....	239	7,210	260	3.60	1,723	62	400
Kans. ....	228	7,470	273	3.65	1,703	62	310
W. N. Cent. ....	3,101	8,082	292	3.61	25,063	905	2,570
Del. ....	17	8,760	324	3.70	149	6	-
Md. ....	180	8,580	317	3.70	1,544	57	80
Va. ....	250	7,180	269	3.75	1,795	67	1,800
W. Va. ....	79	6,030	229	3.80	476	18	600
N. C. ....	210	7,130	267	3.75	1,497	56	1,800
S. C. ....	77	6,660	260	3.90	513	20	400
Ga. ....	150	6,670	253	3.80	1,000	38	800
Fla. ....	179	8,050	310	3.85	1,441	55	-
S. Atl. ....	1,142	7,369	278	3.77	8,415	317	5,480
Ky. ....	396	6,540	252	3.85	2,590	100	1,100
Tenn. ....	373	5,800	229	3.95	2,163	85	1,000
Ala. ....	158	5,280	203	3.85	834	32	1,000
Miss. ....	242	4,570	183	4.00	1,106	44	1,000
Ark. ....	116	6,070	231	3.80	704	27	700
La. ....	196	5,160	204	3.95	1,011	40	200
Okla. ....	168	7,740	283	3.65	1,300	47	350
Tex. ....	402	7,480	277	3.70	3,007	111	1,000
S. Cent. ....	2,051	6,199	237	3.82	12,715	486	6,350
Mont. ....	53	6,790	248	3.65	360	13	100
Idaho.....	162	8,840	327	3.70	1,432	53	50
Wyo. ....	21.7	7,700	277	3.60	167	6	50
Colo. ....	99	8,290	298	3.60	821	30	140
N. Mex. ....	38	7,740	279	3.60	294	11	-
Ariz. ....	52	10,370	368	3.55	539	19	-
Utah.....	77	9,560	344	3.60	736	26	-
Nev. ....	13.4	10,000	360	3.60	134	5	-
Wash. ....	199	9,830	378	3.85	1,956	75	180
Oreg. ....	122	8,020	329	4.10	978	40	150
Calif. ....	772	11,100	405	3.65	8,569	313	70
West. ....	1,609	9,935	367	3.70	15,986	591	740
Alaska.....	2.0	9,500	352	3.70	19.0	1	-
Hawaii.....	15.0	10,060	347	3.45	151	5	-
U. S. ....	14,123	8,513	314	3.69	120,230	4,432	16,265

1/ Preliminary.

2/ Average number on farms during year, excluding heifers not yet fresh.

3/ Excludes milk sucked by calves.



Table 6.-Milk used and marketed by farmers, by States, 1966 1/

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves 2/	Consumed as fluid milk and cream	Used for farm-churned butter	Total	Sold to plants and dealers 3/		Sold directly to consumers 4/	Total
					As whole milk	As farm-separated cream		
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Me. ....	9	17	3	29	590	-	19	609
N. H. ....	5	9	-	14	355	-	13	368
Vt. ....	20	23	-	43	1,895	-	29	1,924
Mass. ....	6	12	-	18	665	-	73	738
R. I. ....	1	1	-	2	87	-	6	93
Conn. ....	9	11	-	20	645	-	41	686
N. Y. ....	155	113	1	269	10,170	13	128	10,311
N. J. ....	10	11	-	21	950	-	28	978
Pa. ....	66	145	6	217	6,660	30	180	6,870
N. Atl. ....	281	342	10	633	22,017	43	517	22,577
Ohio. ....	86	111	5	202	4,680	19	36	4,735
Ind. ....	30	65	3	98	2,645	14	12	2,671
Ill. ....	35	70	4	109	3,440	23	15	3,478
Mich. ....	95	69	2	166	4,915	75	23	5,013
Wis. ....	430	242	1	673	17,490	8	28	17,526
E. N. Cent. ...	676	557	15	1,248	33,170	139	114	33,423
Minn. ....	172	178	3	353	9,320	340	15	9,675
Iowa. ....	110	170	8	288	4,750	560	26	5,336
Mo. ....	42	135	19	196	2,815	85	27	2,927
N. Dak. ....	38	56	8	102	630	595	8	1,233
S. Dak. ....	34	53	5	92	1,140	290	5	1,435
Nebr. ....	44	70	10	124	1,180	410	9	1,599
Kans. ....	43	57	7	107	1,400	175	21	1,596
W. N. Cent. ...	483	719	60	1,262	21,235	2,455	111	23,801
Del. ....	2	3	-	5	142	-	2	144
Md. ....	15	22	2	39	1,490	-	15	1,505
Va. ....	34	121	41	196	1,540	35	24	1,599
W. Va. ....	10	62	14	86	365	12	13	390
N. C. ....	23	150	41	214	1,260	-	23	1,283
S. C. ....	7	30	9	46	455	-	12	467
Ga. ....	7	40	18	65	915	-	20	935
Fla. ....	6	10	-	16	1,390	-	35	1,425
S. Atl. ....	104	438	125	667	7,557	47	144	7,748
Ky. ....	36	192	24	252	2,305	7	26	2,338
Tenn. ....	30	146	20	196	1,950	1	16	1,967
Ala. ....	9	91	22	122	695	-	17	712
Miss. ....	12	101	20	133	965	-	8	973
Ark. ....	9	50	15	74	615	-	15	630
La. ....	7	73	4	84	910	-	17	927
Okla. ....	25	58	8	91	1,140	51	18	1,209
Tex. ....	28	98	23	149	2,810	7	41	2,858
S. Cent. ....	156	809	136	1,101	11,390	66	158	11,614
Mont. ....	10	34	2	46	237	70	7	314
Idaho. ....	40	40	1	81	1,310	24	17	1,351
Wyo. ....	5	14	1	20	124	20	3	147
Colo. ....	24	32	3	59	700	32	30	762
N. Mex. ....	4	11	-	15	250	-	29	279
Ariz. ....	6	9	-	15	497	-	27	524
Utah. ....	9	26	-	35	655	4	42	701
Nev. ....	3	2	-	5	125	2	2	129
Wash. ....	46	42	4	92	1,775	20	69	1,864
Oreg. ....	29	31	3	63	855	25	35	915
Calif. ....	95	52	2	149	7,980	9	431	8,420
West. ....	271	293	16	580	14,508	206	692	15,406
Alaska. ....	0.3	0.4	-	0.7	17.8	-	0.5	18.3
Hawaii. ....	1	1	-	2	142	-	7	149
U. S. ....	1,972	3,160	362	5,494	110,037	2,956	1,743	114,736

1/ Preliminary.

2/ Excludes milk sucked by calves.

3/ Includes milk produced by dealers' own herds (except for New York and California, where such milk is included as sold directly to consumers).

4/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

Table 7.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1966 1/

State and division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity milkfat	Price per lb. fat	Cash receipts	Quantity	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Me. ....	590	5.81	34,279	-	-	-	9	26.1	2,349
N. H. ....	355	5.99	21,264	-	-	-	6	26.0	1,560
Vt. ....	1,895	5.34	101,193	-	-	-	13	24.4	3,172
Mass. ....	665	6.13	40,764	-	-	-	34	26.4	8,976
R. I. ....	87	6.16	5,359	-	-	-	3	26.7	801
Conn. ....	645	6.18	39,861	-	-	-	19	27.2	5,168
N. Y. ....	10,170	4.69	476,973	510	54	275	60	22.1	13,260
N. J. ....	950	5.49	52,155	-	-	-	13	26.1	3,393
Pa. ....	6,660	5.26	350,316	1,120	57	638	84	21.1	17,724
N. Atl. ....	22,017	5.10	1,122,164	1,630	56.0	913	241	23.4	56,403
Ohio.....	4,680	5.04	235,872	740	52	385	17	24.2	4,114
Ind. ....	2,645	4.87	128,812	550	52	286	6	22.2	1,332
Ill. ....	3,440	4.43	152,392	850	58	493	7	21.0	1,470
Mich. ....	4,915	4.81	236,412	2,800	66	1,848	11	21.1	2,321
Wis. ....	17,490	4.24	741,576	290	71	206	13	22.6	2,938
E. N. Cent. ...	33,170	4.51	1,495,064	5,230	61.5	3,218	54	22.5	12,175
Minn. ....	9,320	3.90	363,480	12,040	71	8,548	7	21.5	1,505
Iowa.....	4,750	4.11	195,225	19,990	69	13,793	12	22.2	2,664
Mo. ....	2,815	4.50	126,675	3,400	54	1,836	13	20.7	2,691
N. Dak. ....	630	3.86	24,318	20,590	69	14,207	4	21.1	844
S. Dak. ....	1,140	3.98	45,372	10,270	66	6,778	2	23.1	462
Nebr. ....	1,180	4.29	50,622	14,680	62	9,102	4	20.7	828
Kans. ....	1,400	4.66	65,240	6,440	58	3,735	10	20.8	2,080
W. N. Cent. ...	21,235	4.10	870,932	87,410	66.4	57,999	52	21.3	11,074
Del. ....	142	5.60	7,952	-	-	-	1	24.2	242
Md. ....	1,490	5.55	82,695	-	-	-	7	25.5	1,785
Va. ....	1,540	5.51	84,854	1,400	48	672	11	25.6	2,816
W. Va. ....	365	5.33	19,454	500	48	240	6	24.5	1,470
N. C. ....	1,260	6.15	77,490	-	-	-	11	21.4	2,354
S. C. ....	455	6.10	27,755	-	-	-	6	22.8	1,368
Ga. ....	915	6.18	56,547	-	-	-	9	22.8	2,052
Fla. ....	1,390	6.63	92,157	-	-	-	16	25.7	4,112
S. Atl. ....	7,557	5.94	448,904	1,900	48.0	912	67	24.2	16,199
Ky. ....	2,305	4.66	107,413	280	54	151	12	23.6	2,832
Tenn. ....	1,950	5.02	97,890	40	52	21	7	19.7	1,379
Ala. ....	695	5.89	40,936	-	-	-	8	19.1	1,528
Miss. ....	965	5.62	54,233	-	-	-	4	21.3	852
Ark. ....	615	5.22	32,103	-	-	-	7	21.4	1,498
La. ....	910	6.19	56,329	-	-	-	8	22.4	1,792
Okla. ....	1,140	5.23	59,622	1,990	59	1,174	8	21.2	1,696
Tex. ....	2,810	5.91	166,071	270	49	132	19	25.6	4,864
S. Cent. ....	11,390	5.40	614,597	2,580	57.3	1,478	73	22.5	16,441
Mont. ....	237	4.78	11,329	2,600	64	1,664	3	25.2	756
Idaho.....	1,310	4.07	53,317	880	63	554	8	22.4	1,792
Wyo. ....	124	4.64	5,754	720	60	432	1	25.0	250
Colo. ....	700	5.42	37,940	1,210	60	726	14	25.3	3,542
N. Mex. ....	250	5.71	14,275	-	-	-	13	23.2	3,016
Ariz. ....	497	5.69	28,279	-	-	-	13	23.8	3,094
Utah.....	655	4.67	30,588	140	53	74	20	19.2	3,840
Nev. ....	125	5.36	6,700	70	68	48	1	26.0	260
Wash. ....	1,775	4.90	86,975	830	60	498	32	23.6	7,552
Oreg. ....	855	5.04	43,092	1,070	68	728	16	25.4	4,064
Calif. ....	7,980	4.67	372,666	340	66	224	200	23.2	46,400
West. ....	14,508	4.76	690,915	7,860	63.0	4,948	321	23.2	74,566
Alaska.....	17.8	10.12	1,801	-	-	-	0.2	39.8	80
Hawaii.....	142	8.03	11,403	-	-	-	3	29.8	894
U. S. ....	110,037	4.78	5,255,780	106,610	65.2	69,468	811	23.2	187,832

1/ Preliminary.



Table 8.-Farm marketings, income, and value of dairy products, by States, 1966 1/

State and division	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy products 4/	Farm value of all milk produced 3/ 5/
	Milk utilized	Average returns 2/		Cash receipts from marketings	Milk utilized	Value 3/		
		Per 100 pounds milk	Per pound milkfat					
Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.	
Me. ....	609	6.01	1.58	36,628	20	1,202	37,830	38,344
N. H. ....	368	6.20	1.61	22,824	9	558	23,382	23,684
Vt. ....	1,924	5.42	1.43	104,365	23	1,247	105,612	106,611
Mass. ....	738	6.74	1.85	49,740	12	809	50,549	50,954
R. I. ....	93	6.62	1.79	6,160	1	66	6,226	6,289
Conn. ....	686	6.56	1.77	45,029	11	722	45,751	46,314
N. Y. ....	10,311	4.76	1.32	490,508	114	5,426	495,934	503,608
N. J. ....	978	5.68	1.56	55,548	11	625	56,173	56,743
Pa. ....	6,870	5.37	1.43	368,678	151	8,109	376,787	380,572
N. Atl. ....	22,577	5.22	1.42	1,179,480	352	18,764	1,198,244	1,213,119
Ohio.....	4,735	5.08	1.37	240,371	116	5,893	246,264	250,800
Ind. ....	2,671	4.88	1.28	130,430	68	3,318	133,748	135,127
Ill. ....	3,478	4.44	1.22	154,355	74	3,286	157,641	159,263
Mich. ....	5,013	4.80	1.32	240,581	71	3,408	243,989	248,592
Wis. ....	17,526	4.25	1.16	744,720	243	10,328	755,048	773,458
E. N. Cent. ...	33,423	4.52	1.23	1,510,457	572	26,233	1,536,690	1,567,240
Minn. ....	9,675	3.86	1.09	373,533	181	6,987	380,520	387,081
Iowa.....	5,336	3.97	1.10	211,682	178	7,067	218,749	223,273
Mo. ....	2,927	4.48	1.15	131,202	154	6,899	138,101	139,910
N. Dak. ....	1,233	3.19	.91	39,369	64	2,042	41,411	42,586
S. Dak. ....	1,435	3.67	1.03	52,612	58	2,129	54,741	56,041
Nebr. ....	1,599	3.79	1.05	60,552	80	3,032	63,584	65,302
Kans. ....	1,596	4.45	1.22	71,055	64	2,848	73,903	75,784
W. N. Cent. ...	23,801	3.95	1.09	940,005	779	31,004	971,009	989,977
Del. ....	144	5.69	1.54	8,194	3	171	8,365	8,478
Md. ....	1,505	5.61	1.52	84,480	24	1,346	85,826	86,618
Va. ....	1,599	5.52	1.47	88,342	162	8,942	97,284	99,084
W. Va. ....	390	5.43	1.43	21,164	76	4,127	25,291	25,847
N. C. ....	1,283	6.22	1.66	79,844	191	11,880	91,724	93,113
S. C. ....	467	6.24	1.60	29,123	39	2,434	31,557	32,011
Ga. ....	935	6.27	1.65	58,599	58	3,637	62,236	62,700
Fla. ....	1,425	6.76	1.76	96,269	10	676	96,945	97,412
S. Atl. ....	7,748	6.01	1.59	466,015	563	33,213	499,228	505,263
Ky. ....	2,338	4.72	1.23	110,396	216	10,195	120,591	122,248
Tenn. ....	1,967	5.05	1.28	99,290	166	8,383	107,673	109,232
Ala. ....	712	5.96	1.55	42,464	113	6,735	49,199	49,706
Miss. ....	973	5.66	1.42	55,085	121	6,849	61,934	62,600
Ark. ....	630	5.33	1.40	33,601	65	3,464	37,065	37,523
La. ....	927	6.27	1.59	58,121	77	4,828	62,949	63,390
Okla. ....	1,209	5.17	1.42	62,492	66	3,412	65,904	67,210
Tex. ....	2,858	5.99	1.62	171,067	121	7,248	178,315	180,119
S. Cent. ....	11,614	5.45	1.43	632,516	945	51,114	683,630	692,028
Mont. ....	314	4.38	1.20	13,749	36	1,577	15,326	15,768
Idaho.....	1,351	4.12	1.11	55,663	41	1,689	57,352	58,998
Wyo. ....	147	4.38	1.22	6,436	15	657	7,093	7,315
Colo. ....	762	5.54	1.54	42,208	35	1,939	44,147	45,483
N. Mex. ....	279	6.20	1.72	17,291	11	682	17,973	18,228
Ariz. ....	524	5.99	1.69	31,373	9	539	31,912	32,286
Utah.....	701	4.92	1.37	34,502	26	1,279	35,781	36,211
Nev. ....	129	5.43	1.51	7,008	2	109	7,117	7,276
Wash. ....	1,864	5.10	1.32	95,025	46	2,346	97,371	99,756
Oreg. ....	915	5.23	1.28	47,884	34	1,778	49,662	51,149
Calif. ....	8,420	4.98	1.36	419,290	54	2,689	421,979	426,736
West. ....	15,406	5.00	1.35	770,429	309	15,284	785,713	799,206
Alaska.....	18.3	10.28	2.78	1,881	0.4	41	1,922	1,953
Hawaii.....	149	8.25	2.39	12,297	1	82	12,379	12,458
U. S. ....	114,736	4.81	1.30	5,513,080	3,521	175,735	5,688,815	5,781,244

1/ Preliminary.

2/ Cash receipts divided by milk or milkfat represented in combined marketings.

3/ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

4/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

5/ Includes value of milk fed to calves.

Table 9.-Milk cows and production of milk, milkfat, and butter on farms, by States, 1965

State and division	Number of milk cows on farms 1/	Production of milk and milkfat 2/					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
Me. ....	79	8,350	321	3.85	660	25	200
N. H. ....	44	8,950	349	3.90	394	15	30
Vt. ....	233	8,820	340	3.85	2,055	79	25
Mass. ....	80	9,880	366	3.70	790	29	-
R. I. ....	10.5	9,810	363	3.70	103	4	-
Conn. ....	73	9,770	366	3.75	713	27	-
N. Y. ....	1,165	9,470	341	3.60	11,033	397	90
N. J. ....	103	10,040	366	3.65	1,034	38	-
Pa. ....	806	8,940	335	3.75	7,206	270	300
N. Atl. ....	2,594	9,247	341	3.69	23,988	884	645
Ohio.....	555	9,370	347	3.70	5,200	192	310
Ind. ....	330	8,950	340	3.80	2,954	112	150
Ill. ....	422	9,110	333	3.65	3,844	140	220
Mich. ....	585	9,450	345	3.65	5,528	202	120
Wis. ....	2,075	9,080	336	3.70	18,841	697	50
E. N. Cent. ....	3,967	9,167	339	3.69	36,367	1,343	850
Minn. ....	1,232	8,710	309	3.55	10,731	381	160
Iowa.....	718	8,280	298	3.60	5,945	214	420
Mo. ....	462	7,020	277	3.95	3,243	128	1,200
N. Dak. ....	223	6,580	234	3.55	1,467	52	400
S. Dak. ....	226	6,990	248	3.55	1,580	56	220
Nebr. ....	255	7,140	257	3.60	1,821	66	500
Kans. ....	247	7,080	258	3.65	1,749	64	400
W. N. Cent. ....	3,363	7,891	286	3.62	26,536	961	3,300
Del. ....	18	8,670	325	3.75	156	6	-
Md. ....	186	8,380	314	3.75	1,559	58	110
Va. ....	258	7,090	269	3.80	1,829	70	2,100
W. Va. ....	87	5,750	218	3.80	500	19	800
N. C. ....	217	6,920	263	3.80	1,502	57	2,300
S. C. ....	82	6,320	250	3.95	518	20	500
Ga. ....	158	6,270	241	3.85	991	38	1,100
Fla. ....	178	7,810	308	3.95	1,390	55	-
S. Atl. ....	1,184	7,133	273	3.82	8,445	323	6,910
Ky. ....	421	6,100	238	3.90	2,568	100	1,400
Tenn. ....	387	5,610	224	4.00	2,171	87	1,400
Ala. ....	168	4,990	192	3.85	838	32	1,500
Miss. ....	260	4,370	175	4.00	1,136	45	1,300
Ark. ....	130	5,550	214	3.85	722	28	900
La. ....	205	4,890	193	3.95	1,002	40	300
Okla. ....	179	7,340	268	3.65	1,314	48	500
Tex. ....	429	6,930	256	3.70	2,973	110	1,300
S. Cent. ....	2,179	5,839	225	3.85	12,724	490	8,600
Mont. ....	57	6,630	242	3.65	378	14	140
Idaho.....	169	8,730	323	3.70	1,475	55	100
Wyo. ....	23.4	7,480	269	3.60	175	6	70
Colo. ....	102	8,160	294	3.60	832	30	180
N. Mex. ....	39	7,490	270	3.60	292	11	50
Ariz. ....	52	10,170	361	3.55	529	19	-
Utah.....	80	9,200	331	3.60	736	26	50
Nev. ....	13.9	9,640	347	3.60	134	5	-
Wash. ....	204	9,470	365	3.85	1,932	74	230
Oreg. ....	127	7,720	317	4.10	980	40	180
Calif. ....	783	10,830	395	3.65	8,480	310	90
West. ....	1,650	9,662	358	3.70	15,943	590	1,090
Alaska.....	2.3	9,000	324	3.60	20.7	1	-
Hawaii.....	15.1	9,860	340	3.45	149	5	-
U. S. ....	14,954	8,304	307	3.70	124,173	4,597	21,395

1/ Average number on farms during year, excluding heifers not yet fresh.

2/ Excludes milk sucked by calves.



Table 10.-Milk used and marketed by farmers, by States, 1965

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves 1/	Consumed as fluid milk and cream	Used for farm-churned butter	Total	Sold to plants and dealers 2/		Sold directly to consumers 3/	Total
					As whole milk	As farm-separated cream		
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Me. ....	9	19	4	32	605	-	23	628
N. H. ....	5	9	1	15	365	-	14	379
Vt. ....	22	23	1	46	1,985	-	24	2,009
Mass. ....	6	12	-	18	700	-	72	772
R. I. ....	1	1	-	2	94	-	7	101
Conn. ....	10	12	-	22	650	-	41	691
N. Y. ....	160	123	2	285	10,600	16	132	10,748
N. J. ....	11	12	-	23	980	-	31	1,011
Pa. ....	70	154	7	231	6,760	35	180	6,975
N. Atl. ....	294	365	15	674	22,739	51	524	23,314
Ohio.....	87	121	7	215	4,925	23	37	4,985
Ind. ....	32	70	3	105	2,820	16	13	2,849
Ill. ....	40	76	5	121	3,675	30	18	3,723
Mich. ....	100	80	3	183	5,240	80	25	5,345
Wis. ....	445	257	1	703	18,100	9	29	18,138
E. N. Cent. ....	704	604	19	1,327	34,760	158	122	35,040
Minn. ....	180	186	4	370	9,900	445	16	10,361
Iowa.....	115	183	10	308	4,950	660	27	5,637
Mo. ....	45	145	25	215	2,910	90	28	3,028
N. Dak. ....	39	60	10	109	510	840	8	1,358
S. Dak. ....	35	59	6	100	1,145	330	5	1,480
Nebr. ....	50	79	12	141	1,160	510	10	1,680
Kans. ....	45	62	9	116	1,410	200	23	1,633
W. N. Cent. ....	509	774	76	1,359	21,985	3,075	117	25,177
Del. ....	2	3	-	5	149	-	2	151
Md. ....	16	24	2	42	1,500	-	17	1,517
Va. ....	35	132	47	214	1,550	40	25	1,615
W. Va. ....	11	71	18	100	370	14	16	400
N. C. ....	24	162	52	238	1,240	-	24	1,264
S. C. ....	7	37	11	55	450	-	13	463
Ga. ....	8	50	23	81	885	-	25	910
Fla. ....	6	11	-	17	1,335	-	38	1,373
S. Atl. ....	109	490	153	752	7,479	54	160	7,693
Ky. ....	38	205	31	274	2,255	9	30	2,294
Tenn. ....	30	161	28	219	1,930	1	21	1,952
Ala. ....	10	98	32	140	680	-	18	698
Miss. ....	12	109	26	147	980	-	9	989
Ark. ....	9	57	20	86	620	1	15	636
La. ....	7	81	7	95	890	-	17	907
Okla. ....	26	67	12	105	1,130	60	19	1,209
Tex. ....	29	114	29	172	2,750	9	42	2,801
S. Cent. ....	161	892	185	1,238	11,235	80	171	11,486
Mont. ....	11	36	3	50	244	77	7	328
Idaho.....	42	43	2	87	1,345	26	17	1,388
Wyo. ....	5	15	2	22	126	23	4	153
Colo. ....	25	36	4	65	700	40	27	767
N. Mex. ....	4	12	1	17	253	-	22	275
Ariz. ....	6	10	-	16	489	-	24	513
Utah.....	10	27	1	38	655	4	39	698
Nev. ....	3	2	-	5	125	2	2	129
Wash. ....	47	45	5	97	1,750	22	63	1,835
Oreg. ....	30	33	4	67	850	27	36	913
Calif. ....	100	57	2	159	7,821	11	489	8,321
West. ....	283	316	24	623	14,358	232	730	15,320
Alaska.....	0.4	0.6	-	1.0	19.0	-	0.7	19.7
Hawaii.....	1	1	-	2	141	-	6	147
U. S. ....	2,061	3,443	472	5,976	112,716	3,650	1,831	118,197

1/ Excludes milk sucked by calves.

2/ Includes milk produced by dealers' own herds (except for New York and California where such milk is included as milk sold directly to consumers).

3/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

Table 11.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1965

State and division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity milkfat	Price per lb. fat	Cash receipts	Quantity	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Me. ....	605	5.16	31,218	-	-	-	11	25.5	2,805
N. H. ....	365	5.39	19,674	-	-	-	7	25.4	1,778
Vt. ....	1,985	4.78	94,883	-	-	-	11	22.9	2,519
Mass. ....	700	5.59	39,130	-	-	-	33	26.0	8,580
R. I. ....	94	5.63	5,292	-	-	-	3	26.2	786
Conn. ....	650	5.59	36,335	-	-	-	19	26.7	5,073
N. Y. ....	10,600	4.39	465,340	620	50	310	61	20.9	12,749
N. J. ....	980	4.99	48,902	-	-	-	14	24.6	3,444
Pa. ....	6,760	4.79	323,804	1,320	56	739	84	21.5	18,060
N. Atl. ....	22,739	4.68	1,064,578	1,940	54.1	1,049	243	23.0	55,794
Ohio.....	4,925	4.32	212,760	890	50	445	17	22.5	3,825
Ind. ....	2,820	4.16	117,312	630	49	309	6	21.7	1,302
Ill. ....	3,675	3.83	140,752	1,110	58	644	8	20.0	1,600
Mich. ....	5,240	4.17	218,508	2,990	59	1,764	12	19.7	2,364
Wis. ....	18,100	3.55	642,550	330	67	221	13	21.1	2,743
E. N. Cent. ...	34,760	3.83	1,331,882	5,950	56.9	3,383	56	21.1	11,834
Minn. ....	9,900	3.34	330,660	15,710	65	10,212	7	19.5	1,365
Iowa.....	4,950	3.53	174,735	23,630	65	15,360	13	21.0	2,730
Mo. ....	2,910	3.89	113,199	3,670	51	1,872	13	19.3	2,509
N. Dak. ....	510	3.31	16,881	29,570	64	18,925	4	20.0	800
S. Dak. ....	1,145	3.41	39,044	11,650	62	7,223	2	21.2	424
Nebr. ....	1,160	3.74	43,384	18,310	57	10,437	5	19.5	975
Kans. ....	1,410	4.07	57,387	7,420	57	4,229	11	19.7	2,167
W. N. Cent. ...	21,985	3.53	775,290	109,960	62.1	68,258	55	19.9	10,970
Del. ....	149	5.18	7,718	-	-	-	1	23.5	235
Md. ....	1,500	5.07	76,050	-	-	-	8	25.0	2,000
Va. ....	1,550	5.06	78,430	1,620	46	745	12	25.0	3,000
W. Va. ....	370	4.75	17,575	580	42	244	7	23.1	1,617
N. C. ....	1,240	5.81	72,044	-	-	-	11	19.5	2,145
S. C. ....	450	5.83	26,235	-	-	-	6	22.9	1,374
Ga. ....	885	5.97	52,834	-	-	-	12	22.7	2,724
Fla. ....	1,335	6.21	82,904	-	-	-	18	24.5	4,410
S. Atl. ....	7,479	5.53	413,790	2,200	45.0	989	75	23.3	17,505
Ky. ....	2,255	3.96	89,298	360	52	187	14	21.2	2,968
Tenn. ....	1,930	4.36	84,148	40	50	20	10	19.0	1,900
Ala. ....	680	5.78	39,304	-	-	-	8	20.0	1,600
Miss. ....	980	4.95	48,510	-	-	-	4	20.7	828
Ark. ....	620	4.57	28,334	40	48	19	7	20.2	1,414
La. ....	890	5.76	51,264	-	-	-	8	21.4	1,712
Okla. ....	1,130	4.64	52,432	2,350	56	1,316	9	20.2	1,818
Tex. ....	2,750	5.03	138,325	360	48	173	20	24.4	4,880
S. Cent. ....	11,235	4.73	531,615	3,150	54.4	1,715	80	21.4	17,120
Mont. ....	244	4.59	11,200	2,890	61	1,763	3	24.0	720
Idaho.....	1,345	3.49	46,940	960	59	566	8	22.0	1,760
Wyo. ....	126	4.09	5,153	830	56	465	2	20.0	400
Colo. ....	700	4.91	34,370	1,510	57	861	13	22.5	2,925
N. Mex. ....	253	5.04	12,751	-	-	-	10	22.0	2,200
Ariz. ....	489	5.10	24,939	-	-	-	11	22.8	2,508
Utah.....	655	4.09	26,790	140	52	73	18	16.7	3,006
Nev. ....	125	5.21	6,512	70	58	41	1	25.0	250
Wash. ....	1,750	4.33	75,775	920	58	534	29	23.0	6,670
Oreg. ....	850	4.61	39,185	1,160	62	719	17	24.5	4,165
Calif. ....	7,821	4.50	351,945	410	63	258	227	22.5	51,075
West. ....	14,358	4.43	635,560	8,890	59.4	5,280	339	22.3	75,679
Alaska.....	19.0	9.69	1,841	-	-	-	0.3	37.7	113
Hawaii.....	141	8.45	11,914	-	-	-	3	29.6	888
U. S. ....	112,716	4.23	4,766,470	132,090	61.1	80,674	851	22.3	189,903



Table 12.-Farm marketings, income, and value of dairy products, by States, 1965

State and division	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy products <sup>3/</sup>	Farm value of all milk produced <sup>2/ 4/</sup>
	Milk utilized	Average returns <sup>1/</sup>		Cash receipts from marketings	Milk utilized	Value <sup>2/</sup>		
		Per 100 pounds milk	Per pound milkfat					
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
Me. ....	628	5.42	1.41	34,023	23	1,247	35,270	35,772
N. H. ....	379	5.66	1.45	21,452	10	566	22,018	22,300
Vt. ....	2,009	4.85	1.26	97,402	24	1,164	98,566	99,668
Mass. ....	772	6.18	1.67	47,710	12	742	48,452	48,822
R. I. ....	101	6.02	1.63	6,078	1	60	6,138	6,201
Conn. ....	691	5.99	1.60	41,408	12	719	42,127	42,709
N. Y. ....	10,748	4.45	1.24	478,399	125	5,562	483,961	490,968
N. J. ....	1,011	5.18	1.42	52,346	12	622	52,968	53,561
Pa. ....	6,975	4.91	1.31	342,603	161	7,905	350,508	353,815
N. Atl. ....	23,314	4.81	1.30	1,121,421	380	18,587	1,140,008	1,153,816
Ohio.....	4,985	4.35	1.18	217,030	128	5,568	222,598	226,200
Ind. ....	2,849	4.17	1.10	118,923	73	3,044	121,967	123,182
Ill. ....	3,723	3.84	1.05	142,996	81	3,110	146,106	147,610
Mich. ....	5,345	4.17	1.14	222,636	83	3,461	226,097	230,518
Wis. ....	18,138	3.56	.96	645,514	258	9,185	654,699	670,740
E. N. Cent. ...	35,040	3.84	1.04	1,347,099	623	24,368	1,371,467	1,398,250
Minn. ....	10,361	3.30	.93	342,237	190	6,270	348,507	354,123
Iowa.....	5,637	3.42	.95	192,825	193	6,601	199,426	203,319
Mo. ....	3,028	3.88	.98	117,580	170	6,596	124,176	125,828
N. Dak. ....	1,358	2.70	.76	36,606	70	1,890	38,496	39,609
S. Dak. ....	1,480	3.15	.89	46,691	65	2,048	48,739	49,770
Nebr. ....	1,680	3.26	.91	54,796	91	2,967	57,763	59,365
Kans. ....	1,633	3.91	1.07	63,783	71	2,776	66,559	68,386
W. N. Cent. ...	25,177	3.39	.94	854,518	850	29,148	883,666	900,400
Del. ....	151	5.27	1.41	7,953	3	158	8,111	8,221
Md. ....	1,517	5.15	1.37	78,050	26	1,339	79,389	80,288
Va. ....	1,615	5.09	1.34	82,175	179	9,111	91,286	93,096
W. Va. ....	400	4.86	1.28	19,436	89	4,325	23,761	24,300
N. C. ....	1,264	5.87	1.54	74,189	214	12,562	86,751	88,167
S. C. ....	463	5.96	1.51	27,609	48	2,861	30,470	30,873
Ga. ....	910	6.11	1.59	55,558	73	4,460	60,018	60,550
Fla. ....	1,373	6.36	1.61	87,314	11	700	88,014	88,404
S. Atl. ....	7,693	5.62	1.47	432,284	643	35,516	467,800	473,899
Ky. ....	2,294	4.03	1.03	92,453	236	9,511	101,964	103,490
Tenn. ....	1,952	4.41	1.10	86,068	189	8,335	94,403	95,741
Ala. ....	698	5.86	1.52	40,904	130	7,618	48,522	49,107
Miss. ....	989	4.99	1.25	49,338	135	6,736	56,074	56,686
Ark. ....	636	4.68	1.22	29,767	77	3,604	33,371	33,790
La. ....	907	5.84	1.48	52,976	88	5,139	58,115	58,517
Okla. ....	1,209	4.60	1.26	55,566	79	3,634	59,200	60,444
Tex. ....	2,801	5.12	1.38	143,378	143	7,322	150,700	152,218
S. Cent. ....	11,486	4.79	1.24	550,450	1,077	51,899	602,349	609,993
Mont. ....	328	4.17	1.14	13,683	39	1,626	15,309	15,763
Idaho.....	1,388	3.55	.96	49,266	45	1,598	50,864	52,362
Wyo. ....	153	3.93	1.09	6,018	17	668	6,686	6,878
Colo. ....	767	4.97	1.38	38,156	40	1,988	40,144	41,350
N. Mex. ....	275	5.44	1.51	14,951	13	707	15,658	15,885
Ariz. ....	513	5.35	1.51	27,447	10	535	27,982	28,302
Utah.....	698	4.28	1.19	29,869	28	1,198	31,067	31,501
Nev. ....	129	5.27	1.46	6,803	2	105	6,908	7,062
Wash. ....	1,835	4.52	1.17	82,979	50	2,260	85,239	87,326
Oreg. ....	913	4.83	1.18	44,069	37	1,787	45,856	47,334
Calif. ....	8,321	4.85	1.33	403,278	59	2,862	406,140	411,280
West. ....	15,320	4.68	1.26	716,519	340	15,334	731,853	745,043
Alaska.....	19.7	9.92	2.76	1,954	0.6	60	2,014	2,053
Hawaii.....	147	8.71	2.52	12,802	1	87	12,889	12,978
U. S. ....	118,197	4.26	1.15	5,037,047	3,915	174,999	5,212,046	5,296,432

<sup>1/</sup> Cash receipts divided by milk or milkfat represented in combined marketings.<sup>2/</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.<sup>3/</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.<sup>4/</sup> Includes value of milk fed to calves.

Table 27.-Supply and utilization of milk, United States, 1962-66

Item	1962	1963	1964	1965	1966
	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>
Milk production	126,251	125,202	126,967	124,173	120,230
Net imports of ingredients (M.E.) <sup>1/</sup>	56	113	90	149	1,422
Net change in storage cream (M.E.) <sup>2/</sup>	18	20	-37	10	-51
Total supply	126,325	125,335	127,020	124,332	121,601
<u>Utilization (milk equivalent)</u>					
Used in manufactured products--					
Creamery butter, total M.E. ....	34,222	31,967	32,576	29,829	27,235
M.E. of butter from whey cream ....	1,168	1,233	1,301	1,318	1,407
Net milk equivalent .....	33,054	30,734	31,275	28,511	23,828
Cheese:					
American .....	10,689	10,920	11,454	11,459	12,215
Other .....	3,652	3,890	4,162	4,277	4,576
Cottage cheese, creamed .....	977	999	1,042	1,045	1,045
Canned milk:					
Evaporated .....	3,903	3,854	3,850	3,471	3,547
Sweetened condensed .....	163	174	209	214	283
Bulk condensed whole milk:					
Unsweetened .....	835	800	846	790	786
Sweetened .....	118	137	140	151	150
Dry whole milk .....	632	673	648	654	645
Ice cream and other frozen dairy products, total M.E. ....					
M.E. of butter and condensed milk used in ice cream. ....	11,615	11,850	12,215	12,557	12,599
Net milk equivalent .....	1,874	1,901	1,953	1,986	6/1,978
	9,741	9,949	10,262	10,571	10,621
Other manufactured products <sup>3/</sup> .....	377	537	650	584	586
Total manufactured products .....	64,141	62,667	64,538	61,727	58,282
Used in fluid products --					
Sold by dealers .....	51,334	52,411	53,037	53,569	53,857
Sold by producers directly to consumers <sup>4/</sup> .....	1,966	1,889	1,863	1,831	1,743
Total fluid sales .....	53,300	54,300	54,900	55,400	55,600
Used on farms where produced --					
Fed to calves .....	2,330	2,245	2,152	2,061	1,972
Consumed as fluid milk and cream. ....	4,419	4,070	3,742	3,443	3,160
Used for farm-churned butter .....	915	743	595	472	362
Total used on farms .....	7,664	7,058	6,489	5,976	5,494
Other utilization <sup>5/</sup> .....	1,220	1,310	1,093	1,229	2,225
Total utilization .....	126,325	125,335	127,020	124,332	121,601

<sup>1/</sup> Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and the butterfat-sugar mixtures. A negative figure represents net exports of ingredients.

<sup>2/</sup> Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.

<sup>3/</sup> Whole milk equivalent of dry cream, malted milk powder, part-skim dry milk, dry or concentrated ice cream mix, dehydrated butterfat and other miscellaneous products using milkfat.

<sup>4/</sup> Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

<sup>5/</sup> Residual, including minor miscellaneous uses and any inaccuracies in production and utilization estimates.

<sup>6/</sup> Without adjustment for imported butterfat-sugar mixtures which replaced butter and condensed milk used in ice cream.



Record high cash receipts

Farmers' cash receipts from marketings of milk and cream totaled a record high of \$5,513 million in 1966, 9 percent more than the previous record of \$5,037 million in 1965. Cash receipts from marketings were above 1965 in all regions, with gains ranging from 5 percent in the North Atlantic to 15 percent in the South Central. Wisconsin led all States in cash receipts from milk marketings, followed by New York, California, Minnesota, and Pennsylvania. These 5 States accounted for 43 percent of the total cash receipts for the United States in 1966.

Returns for combined marketings of milk and cream averaged \$4.81 per hundred-weight in 1966. This is a record high and 3 percent more than the previous high of \$4.68 in 1952.

Cash receipts from milk sold to plants and dealers totaled \$5,256 million in 1966, an increase of 10 percent from 1965. Returns from sale of cream were \$69.5 million in 1966, down 14 percent from the 1965 total of 80.7 million. Sales by farmers directly to consumers produced \$187.8 million of receipts in 1966, compared with \$189.9 million in 1965. The farm value of all milk produced in 1966 was \$5,781 million, a 9-percent increase over 1965.

Supply and Utilization of Milk: Data on the supply and utilization of milk (Table 27) are published in whole-milk equivalent, based on the milkfat content of ingredients and products. The total supply consists of milk production plus the milk equivalent of net imports of dairy manufacturing ingredients and net out-of-storage movement of cream. Data on utilization of milk in manufactured products are based on the total milkfat required to produce the products and include the milk equivalent of any imported ingredients used. In this report consumption of fluid milk and cream is reported in separate estimates of sales by dealers, sales by producers directly to consumers, and milk consumed on farms where produced. These 3 estimates replace the former series of separate estimates of nonfarm consumption and farm consumption (including farm families using purchased milk and cream).

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Manufacturing grade-30 percent of plant deliveries

Deliveries of manufacturing grade milk in 1966 accounted for 30 percent of all whole milk sold to plants and dealers. In 1965, manufacturing grade milk represented 31 percent of the total. The percentage of manufacturing grade milk in 1966 declined 1 percentage point from 1965 in the East North Central, West North Central, and South Atlantic regions, and dropped 2 percentage points in the South Central and Western regions.

Table 15.-Manufacturing grade milk as percent of all milk sold by farmers to plants and dealers, by regions, selected years, 1955-66

Region	1955	1960	1961	1962	1963	1964	1965	1966
	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>
North Atlantic.....	2	1	1	1	1	1	1	1
East North Central...	52	45	43	42	40	41	40	39
West North Central...	66	69	70	71	71	72	72	71
South Atlantic.....	13	10	10	9	8	8	7	6
South Central.....	33	27	27	26	25	24	22	20
Western.....	36	26	25	24	22	18	18	16
U. S. ....	37	33	33	33	32	32	31	30